

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
4 December 2003 (04.12.2003)

PCT

(10) International Publication Number
WO 03/100206 A1

(51) International Patent Classification⁷: **E21B 17/042**

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(21) International Application Number: PCT/KR03/01048

(22) International Filing Date: 28 May 2003 (28.05.2003)

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(25) Filing Language: English

(26) Publication Language: English

(81) Designated States (*national*): CN, JP, US.

(30) Priority Data:
10-2002-0030000 29 May 2002 (29.05.2002) KR

(84) Designated States (*regional*): European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, SE, SI, SK, TR).

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Published:

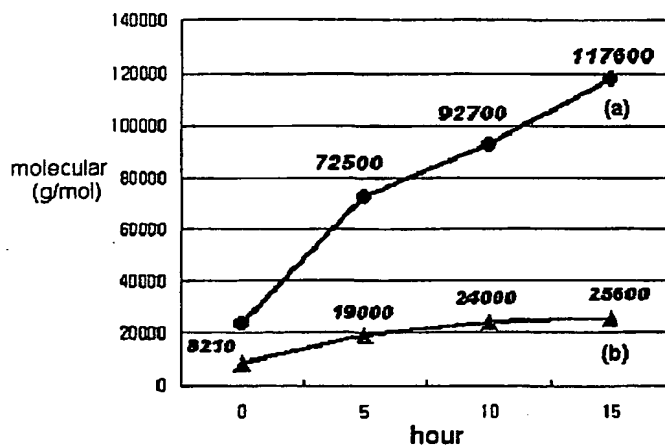
- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

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*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: METHOD FOR PREPARING HIGH MOLECULAR WEIGHT POLYCARBONATE



(57) **Abstract:** The present invention relates to a process for preparing high molecular weight polycarbonate resin, particularly to a process for preparing high molecular weight polycarbonate resin, which conducts condensation polymerization of low molecular weight amorphous polycarbonate prepolymer prepared by transesterification of dialkyl(aryl)carbonate and aromatic hydroxy compound and solid state polymerization within short time to increase molecular weight. The present invention introduces condensation polymerization to lower mole fractions of arylcarbonate existing in unreacted diarylcarboante, end groups of reaction by products of polymerization degree less than 3, and polycarbonate prepolymer obtained by transesterification, and thus can maximize molecular weight increase of polycarbonate after solid state polymerization and remarkably reduce time required for preparing polycarbonate of the same molecular weight. In addition, since the present invention does not use toxic substance phosgene, it has no danger and it can prevent deterioration, and it can prepare high molecular weigh polycarbonate that can be used for injection and extrusion.

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